

# Curriculum Vitae

## Peter Semler Cooper

### Address

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### Personal Data

Birth: November 7, 1949, Paterson, NJ  
Citizenship: United States  
Family: Married, no children  
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### Positions

Scientist II, Fermi National Accelerator Laboratory 1993-present.  
Scientist I, Fermi National Accelerator Laboratory 1988-1993.  
Assistant Head - Computing Division 10/91 - 3/93  
Head - Central Computing Department 10/89 - 9/91  
Associate Head - Computing Department 3/88 - 9/89  
Associate Professor of Physics, Yale University, 1983-1988.  
Assistant Professor of Physics, Yale University, 1979-1983.  
Research Investigator, University of Pennsylvania, 1976-1978.

### Education

Ph.D. in Experimental High Energy Physics, Yale University, 1975.  
B.A. with Highest Honors in Physics, Rutgers University, 1970.

### Professional Activities and Honors

Fellow of the American Physical Society, 2004.  
Spokesman, *CKM - A Precision Measurement of the Decay  $K^+ \rightarrow \pi^+ \nu \bar{\nu}$*   
Fermilab Experiment 921, 1998 - 2003  
Deputy Spokesman, *SELEX - A Segmented Large X Charmed Baryon Spectrometer*. Fermilab Experiment 781, 1989 - present  
Spokesman, *E715 - A Precision Measurement of the Decay  $\Sigma^- \rightarrow n e^- \nu_e$*   
Fermilab Experiment 715, 1983 - 1989  
Member American Physical Society, since 1974.  
Henry Rutgers Scholar, Rutgers University, 1969-70.

## Committees

### **Kaon 2005 International Workshop**

Northwestern University, June 13-17, 2005.

Conference Co-chair

### **Flavour in the Era of the LHC -**

*a workshop on the interplay of flavour and collider physics.*

First Meeting, CERN, November 7-10, 2005.

International Advisory Committee

### **Fermilab Committee on Scientific Appointments 1998-1999**

FCSA - Fermilab's promotion and tenure review committee.

### **Fermilab Research Associate Committee 1995-2004**

Responsible for search, selection, interviewing and hiring of and average of six experimental high energy physics research associates per year.

## Selected Publications

### **First observation of the doubly charmed baryon $\Xi_{cc}^+$**

M. Mattson *et al.* [SELEX Collaboration]

Phys. Rev. Lett. **89**, 112001 (2002),

arXiv:hep-ex/0208014, FERMILAB-PUB-02-183-E.

### **Two RICH detectors as velocity spectrometers in the CKM Experiment**

J. Engelfried, P. S. Cooper, A. Morelos, I. Torres

Nucl. Instrum. Meth. A **502**, 62 (2003), arXiv:hep-ex/0209020.

### **A Phototube RICH detector**

M. Pomrot Maia, P. S. Cooper, L. Stutte, V. Solyanik, I. Filimonov and A. Nemitkin

Nucl. Instrum. Meth. A **326**, 496 (1993), FERMILAB-PUB-92-155.

### **A High Precision Measurement Of Polarized $\Sigma^-$ Beta Decay**

S. Y. Hsueh *et al.*

Phys. Rev. D **38**, 2056 (1988), FERMILAB-PUB-88-17-E.